

300 volts with the phase angle control in the automatic scan mode. All of the functions and sequences of the device under test shall be checked.

3. Manual Sweep Mode: Manually turn the phase angle control through the full adjusting the noise power so that the meter reads 300 volts. This process is repeated for all functions and sequences.
4. The rate of application will be set to the following:
 - a) 100 ms, 300 ms, 500 ms and 1 second (all values \pm 50 ms).
 - b) May be tested from approximately 32 ms through 5 seconds and may be applied manually.

Test procedures 2 and 3 will be repeated for the above rates.

5. Procedures 2 through 4 will be repeated for both positive and negative spikes.

E. TEST RESULTS

The equipment shall be deemed to have failed the above test if its operation or component parts are affected in any manner. In the case of traffic controllers or solid state load switches, the associated lamp system shall not exhibit any visual blinking during the test.

F. REPORTING OF RESULTS

Report the test results on Form T-6039

G. SAFETY AND HEALTH

Prior to handling, testing or disposing of any waste materials, testers are required to read: Part A (Section 5.0), Part B (Sections: 5.0, 6.0 and 10.0) and Part C (Section 1.0) of Caltrans Laboratory Safety Manual.

End of Test (California Test 667 contains 2 pages)

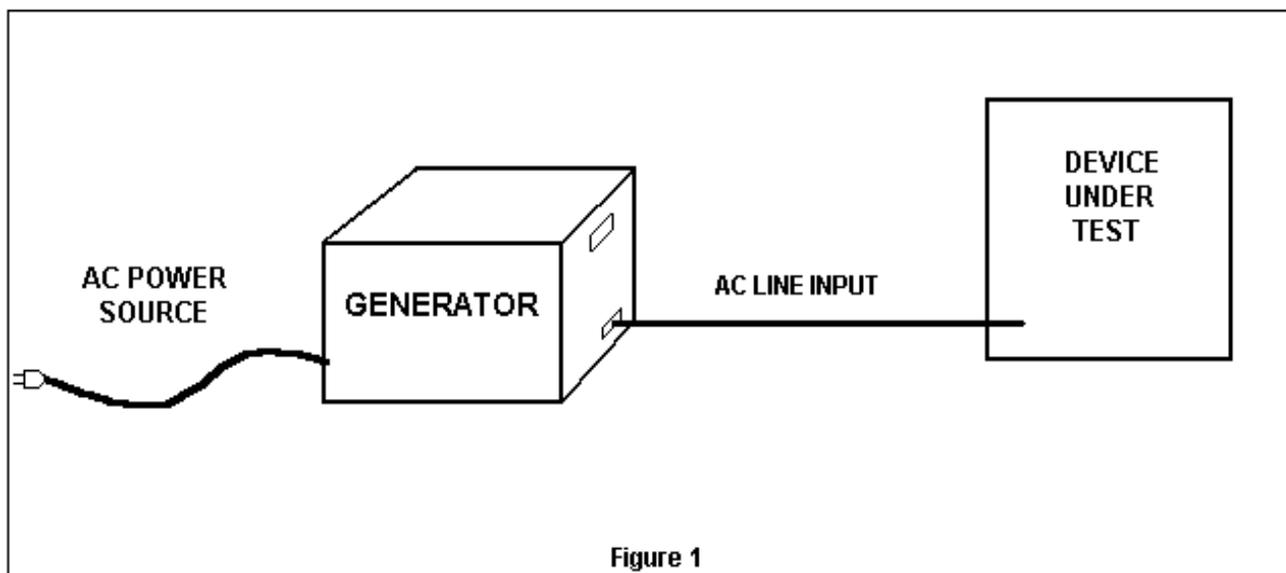


Figure 1